



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
---------------	-------------	-----------------------	---------------------

08/372,078 01/12/95 ISHIBASHI

S-EXAMINER ASAMU-0323

ULLAH, A

E5M1/0803

ART UNIT PAPER NUMBER

SPENCER FRANK & SCNEIDER  
SUITE 300 EAST  
1100 NEW YORK AVENUE NW  
WASHINGTON DC 20005-3955

2501

DATE MAILED:

08/03/95

5/a  
A4

### NOTICE OF ALLOWABILITY

#### PART I.

1. ☐ This communication is responsive to \_\_\_\_\_
2. ☒ All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application: If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
3. ☒ The allowed claims are 1-58
4. ☐ The drawings filed on \_\_\_\_\_ are acceptable.
5. ☒ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☒ been received. [ ] not been received. [ ] been filed in parent application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_
6. ☒ Note the attached Examiner's Amendment.
7. ☒ Note the attached Examiner Interview Summary Record, PTOL-413.
8. ☒ Note the attached Examiner's Statement of Reasons for Allowance.
9. ☒ Note the attached NOTICE OF REFERENCES CITED, PTO-892.
10. ☒ Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

#### PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

1. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
2. ☒ APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
  - a. ☒ Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. 5. CORRECTION IS REQUIRED.
  - b. ☐ The proposed drawing correction filed on \_\_\_\_\_ has been approved by the examiner. CORRECTION IS REQUIRED.
  - c. ☐ Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
  - d. ☐ Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

#### Attachments:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Examiner's Amendment                        | <input type="checkbox"/> Notice of Informal Application, PTO-152       |
| <input checked="" type="checkbox"/> Examiner Interview Summary Record, PTOL-413 | <input checked="" type="checkbox"/> Notice re Patent Drawings, PTO-948 |
| <input checked="" type="checkbox"/> Reasons for Allowance                       | <input type="checkbox"/> Listing of Bonded Draftsmen                   |
| <input checked="" type="checkbox"/> Notice of References Cited, PTO-892         | <input type="checkbox"/> Other   |
| <input checked="" type="checkbox"/> Information Disclosure Citation, PTO-1449   |  |

*Aullah*  
AKM E. ULLAH  
PRIMARY EXAMINER  
GROUP 250

## REASONS FOR ALLOWANCE

The following is an Examiner's Statement of Reasons for Allowance : The prior does not fairly suggest an fiber optic module as recited claims 1, 7, 10, 27, 32, 36, 41, 46, 50, 52, 55 and 58.

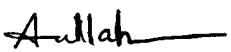
Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for allowance."

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Takahashi et al. discloses an optical module comprising a laser module on a circuit board and an optical fiber connector.

Carden and Yagi et al. each discloses an optical module comprising a laser module and a connector.

Card et al. discloses an optical module comprising optoelectric module on a circuit board and a connector.

  
AKM E. ULLAH  
PRIMARY EXAMINER  
GROUP 250

Serial Number: 08/ 372,078

Art Unit: 2501

-2-

3/a  
A.U.  
7/26/95

### EXAMINER'S AMENDMENT

1. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

Authorization for this Examiner's Amendment was given in a telephone interview with **Mr. Robert J. Frank (Reg.No.19,112)** on **July 26,1995.**

✓ In claims 1-3, 7, 10, 27, 32, 35, 36, 41, 46, 50, 52, 53, 55, and 58 delete "LD" and insert -- laser diode --.

✓ In claims 1, 2, 4, 5, 7, 10, 27, 32, 35, 36, 41, 46, 50, 52, 53, 55 and 58 delete "PD" and insert "photodiode" -- .

✓ In claim 5, line 3, delete "ICs" and insert -- integral circuits --.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Akm E. Ullah** whose telephone number is **(703) 308- 4885.**

*Aullah*  
AKM E. ULLAH  
PRIMARY EXAMINER  
GROUP 250



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Address: Box ISSUE FEE  
COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

ESM1/0803

SPENCER FRANK & SCHNEIDER  
SUITE 300 EAST  
1100 NEW YORK AVENUE NW  
WASHINGTON DC 20005-3955

**NOTICE OF ALLOWANCE  
AND ISSUE FEE DUE**

the attached communication from the Examiner

is notice is issued in view of applicant's communication filed \_\_\_\_\_

SERIES CODE/SERIAL NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
03/372,079	01/12/95	10	ULLAH, A	2501 08/02/95
Applicant: <del>ISHIBASHI, SHIN</del>				
INVENTION: <del>FIBER OPTIC MODULE</del>				

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2 ASAMU-0323	385-192.000	N93	UTILITY	NO	\$1210.00	11/03/95

**THE APPLICATION IDENTIFIES ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.  
PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS  
APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

Review the SMALL ENTITY Status shown above.  
If the SMALL ENTITY is shown as YES, verify your  
current SMALL ENTITY status:

- If the status is changed, pay twice the amount of the  
FEE DUE shown above and notify the patent and  
Trademark Office of the change in status, or
- If the Status is the same, pay the FEE DUE shown  
above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with,  
pay of 1/2 the FEE DUE shown above.

Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE.  
Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned.  
If you are charging the ISSUE FEE to your deposit account, Part C of this notice should also be completed and returned.

All communications regarding this application must give series code (or filing date), serial number and batch number.  
Please direct all communication prior to issuance to Box ISSUE FEE unless advised to contrary.

**IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of  
maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance  
fees when due.**